Philips
LCD monitor

19"
SXGA

190B5CG

the best productivity solution

Superior performance for tough jobs: With superior ergonomics and excellent, clear display plus SmartManage for remote, LAN-based monitor management and low power consumption, the Philips190B5 delivers a big-screen productivity edge.

Outstanding front of screen performance
- Wide viewing angle for extra freedom
- Fast response time for great display of moving images
- SXGA 1280 x 1024 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals
- sRGB ensures color matching between display and printouts

Maximum comfort for maximum productivity
- Built-in speakers for audio without desktop clutter
- Adjustable screen height for the ideal viewing angle
- Tilt and swivel adjustment for an ideal viewing angle

Lower total cost of ownership
- SmartManage compatibility enables LAN-based asset management
- Power consumption below the industry average

Great convenience
- Embedded power supply eliminates external power adaptors

PHILIPS
sense and simplicity

LCD monitor
19" SXGA

190B5CG/00

Specifications

Picture/Display
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 19"/ 48cm
- Effective viewing area: 376.3 x 301.1 mm
- Pixel pitch: 0.294 x 0.294 mm
- Brightness: 250 cd/m²
- Contrast ratio (typical): 500:1
- Display colors: 16 M
- Viewing angle: @ C/R > 10
- Viewing angle (H / V): 176 / 176 degree
- Response time (typical): 25 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Optimum Resolution: 1280 x 1024 @ 60 Hz
- Factory Preset Modes: 15 modes
- User definable modes: 14 modes
- Horizontal Scanning Frequency: 30 - 82 kHz
- Refresh Rate (V): 56 - 76 Hz
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D, PC Audio in
- I/O interface on pad: Headphone jack

Convenience
- Built-in Audio: 2W RMS x 2 stereo speakers
- User convenience: On-screen Display, SmartManage
- Monitor Controls: Auto, Brightness Control, Left/ Right, Menu (OK), Power On/Off, Up/Down, Volume control
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC CI, sRGB, Windows 98/ME/2000/XP
- Regulatory Approvals: CE Mark, E2000, EMC, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO '03, TCO '99, TÜV/GS, TÜV Ergo
- Swivel: +/- 175°
- Tilt: -5° to 30°
- VESA Mount: 100 x 100 mm

Accessories
- User Manual
- Included Accessories: AC Power Cord, Audio Cable, Protective film, VGA cable
- Optional accessories: Super Ergo Base

Dimensions
- Dimensions (with base) (W x H x D): 425 x 410 x 235 mm
- Height adjustment range: 40 mm
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Weight: 7.8 kg

Power
- Complies with: E2000, Energy Star, NUTEK
- Consumption (On mode): 40 W (Typical)
- Consumption (Off Mode): 1 W
- Power LED indicator: Operation - green, Stand by/sleep - Amber
- Power supply: Built-in

Product highlights

Wide viewing angle
A wide viewing angle provides the clearest display with little reflection from virtually any angle.

Fast response time
Response time measures signal reaction speed in milliseconds. On/off response time measures the time required for the screen to turn from completely white to completely black and vice versa. Fast on/off response time improves display of text. Gray-to-grey response time measures the average time of transition between several sets of random gray levels - Lower numbers mean faster transitions. Faster is better because a fast response time eliminates visible image artifacts that could dampen your experience when viewing fast moving images or objects.

SXGA, 1280 x 1024 resolution
For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.

Dual input
Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

sRGB ready
sRGB is an industry standard that ensures the best possible match between the colors displayed on your screen and those in your printouts.

Built-in speakers
Audio speakers built into a display device.

Adjustable height
Adjustable height is the ability of a monitor to travel up or down on its base and lock into position when the desired height is reached, delivering a comfortable, individualized viewing angle that is just right for the user's height, weight, body-type and posture, alleviating possible eyestrain or fatigue that can come from long hours working on a computer.

Screen tilt and swivel
Screen tilt and swivel is a mechanism built into the base permits the monitor to swivel and tilt backward or forward.

SmartManage enabled
SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

Lower power consumption
Reduction of the electrical power required to operate a device.

Embedded power supply
An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

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